



520.38161CX2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): K. ARUGA

Serial No.: 10/615,907

Filed: July 10, 2003

For: DISK SUBSYSTEM

Group: 2187

Examiner: G. Portka

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**INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.97 & 1.98**

MS DD

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

August 7, 2003

Sir:

In the matter of the above-identified application, applicants are submitting herewith a copy of the document listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration.


This information disclosure statement is being submitted before the mailing date of a first office action on the merits.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout & Kraus Deposit Account No. 01-2135 (520.38161CX2) please credit any excess fees to such deposit account.

Respectfully submitted,

CIB/jdc
(703) 312-6600



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FORM PTO-1449 U.S. Department of Commerce (Rev. 4/92) Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO.	SERIAL NO.
	520.38161CX2	10/615,907
	APPLICANT K. ARUGA	
	FILING DATE July 10, 2003	GROUP 2187

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER								DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6	4	0	1	1	2	8	6/02	Stai et al				

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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
	YES	NO												

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])